



DOCKET: CU-4056

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: In Kwan HWANG

Serial No.: 10/521,844

Group Art Unit:

Filed: January 18, 2005

Examiner:

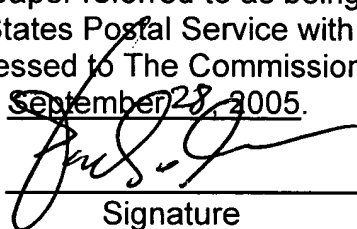
For: Multistage Adaptive Parallel Interference Cancellation

Certification under 37 CFR 1.8(a)

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with The United States Postal Service with sufficient postage as first class mail in an envelope addressed to The Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on September 28, 2005.

W. William Park, Reg. No. 55,523

Name


Signature

THE COMMISSIONER FOR PATENTS

P.O. Box 1450

Alexandria, VA 22313-1450

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT WITHIN THREE MONTHS OF FILING OR BEFORE MAILING OF FIRST OFFICE ACTION

The information disclosure statement submitted herewith is being filed within three months of the filing date of the application or date of entry into the national stage of an international application or before the mailing date of the first Office Action on the merits, whichever event occurs last. 37 CFR 1.97(b).

No fee is believed to be required in view of the above. However, if this not the case, the Commissioner is authorized to charge Deposit Account No. 12-0400 for any required fees.

Date: September 28, 2005


W. William Park, Reg. No. 55,523
Ladas & Parry
224 South Michigan Avenue
Chicago Illinois 60604
Tel. No. (312) 427-1300



DOCKET: CU-4056

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: In Kwan HWANG

Serial No.: 10/521,844

Group Art Unit:

Filed: January 18, 2005

Examiner:

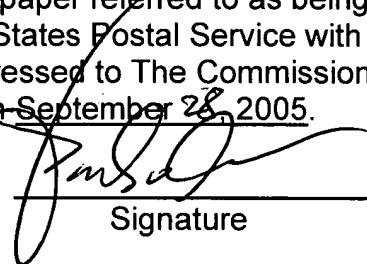
For: Multistage Adaptive Parallel Interference Cancellor

Certification under 37 CFR 1.8(a)

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with The United States Postal Service with sufficient postage as first class mail in an envelope addressed to The Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on September 28, 2005.

W. William Park, Reg. No. 55,523

Name


Signature

THE COMMISSIONER FOR PATENTS

P.O. Box 1450

Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Applicant submits herewith patents, publications or other information of which Applicant is aware, which may be material to the examination of this application and in respect of which there may be a duty to disclose under 37 CFR 1.56.

The filing of this information disclosure statement shall not be construed as a representation that a search has been made (37 CFR 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability or that no other material information exists.

The filing of this information disclosure statement shall not be construed as an admission against interest in any manner. Notice of January 9, 1992, 1135 O.G. 13-25, at 25.

The references submitted herein are listed on PTO-1449 form (modified) enclosed herewith. A copy of each reference listed is being furnished except any duplicate or cumulative patents or publications specified otherwise.

A translation of any foreign language reference, if any, is indicated in PTO-1449 form and being submitted herein if it is readily available. Otherwise it should be construed that such translation is not readily available.

No paper copies of the U.S. patent references identified in this IDS, if any, are submitted herewith as they are no longer required by the USPTO rules. Only the copies of foreign patent and/or other relevant publication references are submitted herewith.

Also submitted herein is a copy of the International Search Report which satisfies the requirement for a translation or concise explanation of any non-English reference cited therein, as provided in MPEP §609 A(3).

The Statement is made on the basis of the information:

<u> X </u>	supplied by an individual associated with the filing and prosecution of this application (37 CFR 1.56(c)).
<u> X </u>	cited in a corresponding International Search Report.

Respectfully submitted,



Date: September 28, 2005

W. William Park, Reg. No. 55,523
Ladas & Parry
224 South Michigan Avenue
Chicago Illinois 60604
Tel. No. (312) 427-1300



-3-

Form PTO-1449 (Modified)

FORM PTO-1449	ATTY. DOCKET NO. CU-4056	SERIAL NO. 10/521,844
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (37 CFR 1.98(b))	Applicant In Kwan HWANG	
	FILING DATE January 18, 2005	GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
		5	6	4	4	5	9	2	07/01/97	Divsalar et al.			
	2002	0	1	0	1	9	1	0	08/01/02	Karnin et al.			

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

EXAMINER INITIAL		DOCUMENT NUMBER							PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUB- CLASS	TRANSLATION YES / NO	

OTHER DOCUMENTS (Including Author, Title, Date, Place of publication)

			'Determination of cancellation factors for soft-decision partial PIC detector in DS/CDMA systems' Li et al., Electronic Letters, February 3, 2000, Vol. 36, No. 3, pp.239-241
			'An Adaptive Parallel Interference Cancellation System Employing Soft Decisions for Asynchronous DS/CDMA Multipath Fading Channels' Gohary et al., 2001 IEEE, pp. 3145-3147
			'Fuzzy-based adaptive partial parallel interference canceller for CDMA communication systems over fading channels' Wen et al., IEE Proc. Commun., Vol. 149, No. 2, April 2002, pp. 111-116
			'A Pipelined Multi-Stage Parallel Interference Canceller for CDMA with Realistic Channel Estimation' Sun et al., 2002 IEEE, pp. 369-373

EXAMINER

DATE CONSIDERED

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449)